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SEQUENCE LISTING

<110> Ethicon, Inc.
Expressive Constructs, Inc.
Sanders, Michell C.
Colpas, Gerard J.
Ellis-Busby, Diane L.
Havard, Jennifer M.

<120> Colorimetric Substrates, Colorimetric
Sensors, and Methods of Use

<130> 3265.1011003

<150> 60/516,688

<151> 2003-11-03

<150> 60/578,502

<151> 2004-06-09

<160> 41

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Phe	Lys	Arg	Ile	Val	Xaa	Arg	Ile	Lys	Asp	Phe	Leu	Arg	Asn	Leu	Val
			20					25					30		
Pro	Arg	Thr	Glu	Ser											
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Lys	Ala	Ala	His	Lys	Ser	Ala	Leu	Lys	Ser	Ala	Glu
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Cys	His	His	His	Ala	Ser	Glu	Ala	Ala	His	Lys	Ser	Ala	Leu	Lys	Ser
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Ala Glu

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Lys	His	Leu	Gly	Gly	Gly	Gly	Gly	Ala	Lys	Glu
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<400> 7

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Ala Cys Cys Asp Glu Tyr Leu Gln Thr Lys Glu
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Ala Asp Thr Val Glu Pro Thr Gly Ala Lys Glu
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Lys Leu Pro His Lys Leu Ser Trp Ser Ala Asp Asn Pro
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Pro Val Pro Ser Thr Pro Pro Thr Pro Ser Pro Ser Thr Pro
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Asn Met Leu Ser Glu Val Glu Arg Glu
1 5

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<223> Synthetic Peptide Sequence

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Lys	Gln	Asn	Met	Leu	Ser	Glu	Val	Glu	Arg	Ala	Asp	Thr	Glu
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Asn	Glu	Ala	Ile	Gln	Glu	Asp	Gln	Val	Gln	Tyr	Glu
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Asp	Ser	Arg	Pro	Val	Arg	Arg	Arg	Arg	Arg	Pro	Arg	Val	Ser	Lys
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Lys	Val	Ser	Arg	Arg	Arg	Arg	Arg	Gly	Gly	Asp
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<210> 17

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Cys His His His Ala Ser Glu Val Ser Arg Arg Arg Arg Arg Gly Gly
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Lys

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Lys Val Gln Arg Ile Lys Asp Phe Leu Arg Asn Leu Val Glu
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Glu Ala Ala Gly Ala Met Phe Leu Glu Ala Ile Pro Lys
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Glu Gly Ala Met Phe Leu Glu Ala Ile Pro Met Ser Ile Pro Lys
1 5 10 15

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Cys Gly Ala Met Phe Leu Glu Ala Ile Pro Met Ser Ile Pro Ala Ala
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Ala His His His His His
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<400> 24
Lys Ala Arg Arg Arg Arg Arg Gly Gly Gly Ala Met Phe Leu Glu Ala
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Ile Pro Met Ser Ile Pro Cys Gly Cys
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<400> 25
Val Ser Arg Arg Arg Arg Arg Gly Gly Asp Gly Asp Gly Cys
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<210> 26
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<220>

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Gly Gly Asp Gly Asp Gly Cys
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<400> 27

Val Ser Arg Arg Arg Arg Arg Gly Gly Asp Gly Lys Gly Asp Ala Cys
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Asn Glu Ala Ile Gln Glu Asp Gln Val Gln Ala Arg Arg Ala Lys Ala
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Arg Arg Ala Cys
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Gln Val Gln Ala Arg Arg Ala Lys Ala Arg Arg Ala Cys
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<400> 30

Gly Gly Asp Gly Lys Gly Asp Ala Cys
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Gln Val Gln Ala Arg Arg Arg Ala Lys Ala Arg Arg Arg Ala Cys
1 5 10 15

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<400> 32
Val Ser Arg Arg Arg Arg Arg Gly Gly Lys Gly Cys
1 5 10

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Ser Val Thr Arg Arg Arg Arg Arg Gly Gly Arg Ala Ser Gly Gly Cys
1 5 10 15

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His His His His
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Leu Val Cys Gly Cys
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Arg Arg Arg Arg Arg Ser Val Gln Arg Ile Lys Asp Phe Leu Arg Asn
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<400> 39

His His His His His Ala Ala His Lys Ser Ala Leu Lys Ser Ala Cys
1 5 10 15
Gly Cys

10/10

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<400> 40
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1 5 10 15
Gly Cys

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Phe Lys Arg Ile Val Arg Ile Lys Asp Phe Leu Arg Asn Leu Val Pro
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Arg Thr Glu Ser
35